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| Form PTO-1449 | | | | ATTY DOCKET NO. 1422-0600P | | APPLICATION NO. NEW 10/661643 | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | | | APPLICANT YANAGISAWA et al. | | FILING DATE September 15, 2003 | |
| | | | | GROUP UNASSIGNED | | 1751 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|-----------------|------|------------|------------------|-------|--------------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | Kind | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| dmb | US 3,383,321 | | 1968-05-14 | Davis et al. | 510 | 298 | |
| | US 3,451,928 | | 1969-06-24 | Fischer | 510 | 298 | |
| | US 3,557,003 | | 1971-01-19 | Morris et al. | 510 | 298 | |
| | US 3,887,614 | | 1975-06-03 | Susuki et al. | 510 | 455 | |
| | US 4,451,386 | | 1984-05-29 | Joshi | 510 | 298 | |
| | US 5,358,655 | | 1994-10-25 | Kruse et al. | 510 | 224 | |
| | US 5,382,377 | | 1995-01-17 | Raehse et al. | 510 | 451 | |
| | US 5,866,531 | | 1999-02-02 | Assmann et al. | 510 | 446 | |
| | US 6,221,832 | | 2001-04-24 | Casteel et al. | 510 | 446 | |
| | US 5,024,778 | A | 1991-06-18 | GrecseK | 510 | 349 | |
| | US 6,284,722 | B1 | 2001-09-04 | Yamaguchi et al. | 510 | 357 | |
| ✓ | US 6,376,453 | B1 | 2002-04-23 | Kubota et al. | 510 | 438 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--------------------------|--------|--------------------|------|------------|---------------|-------|--------------|-------------|----|
| | Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
| | | | | | | | | YES | NO |
| dmb | | EP0711828 | A2 | 1996-05-15 | EPO | — | — | | |
| | | WO9824873 | A1 | 1998-06-11 | PCT | — | — | | |
| | | 10183199 | A | 1998-07-14 | JAPAN | — | — | | |
| | | 2331994 | | 1999-06-09 | GREAT BRITAIN | — | — | | |
| | | WO9820096 | | 1998-05-14 | PCT | — | — | | |
| | | 2040307 | | 1992-10-13 | CANADA | — | — | | |
| | | EP0741637 | | 1955-12-07 | EPO | — | — | | |
| | | 19722832 | | 1998-12-03 | GERMANY | — | — | | |
| | | 53-13203 | | 1978-05-09 | JAPAN | — | — | Abs. | |
| | | 50-25603 | | 1975-03-18 | JAPAN | — | — | Abs. | |
| | | 10-195486 | | 1998-07-28 | JAPAN | — | — | Abs. | |
| | | 4-253800 | | 1992-09-09 | JAPAN | — | — | Abs. | |
| | | 5-186800 | | 1993-07-27 | JAPAN | — | — | Abs. | |
| | | 45-23618 | | 1970-08-07 | JAPAN | — | — | Abs. | |
| | | 45-30705 | | 1970-10-05 | JAPAN | — | — | Abs. | |
| | | 99-24547 | | 1999-05-20 | WIPO | — | — | | |
| ✓ | | 0896052 | | 1999-02-10 | EUROPE | — | — | | |

| | |
|--|---------------------------|
| OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | |
| EXAMINER <i>Lynn M. Luyon</i> | DATE CONSIDERED 3-3-04 |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.